

AMENDMENTS TO THE CLAIMS

Please replace the claims, including all prior versions, with the listing of claims below.

Listing of Claims:

1. (Currently amended) A method for managing connection objects in a telecommunications network having network elements including a first network element (A) and a plurality of other network elements, comprising ~~the steps of:~~

~~from among the plurality of the other network elements~~ based on an operator input, determining a second network element from the plurality of other network elements adjacent to the first network element; and

automatically transposing data associated with the first network element (A) for the second network element (B) such that ~~the~~ a representation of a connection object between the first and second network elements for the second network element (B) is made commensurate to the representation for the first network element (A) for managing the connection object.

2. (Currently amended) The method according to claim 1, further comprising ~~the step of~~ determining an origination within the first network element (A) associated with the connection object to be managed.

3. (Currently amended) The method according to claim 1, wherein ~~said~~ the data comprises data obtained from a history of commands associated with administering the connection object for the first network element (A).

4. (Currently amended) The method according to claim 3, wherein ~~said~~ the data further comprises data obtained from a database stored in any of the network elements.

5. (Currently amended) The method according to claim 1, ~~the step of~~ wherein transposing further ~~comprising~~ comprises, in case of an absence of objects prerequisite to managing the

connection object, creation of ~~said~~the prerequisite objects for the second network element (B).

6. (Currently amended) The method according to claim 1, wherein the connection objects comprise link sets and links, further comprising ~~the step of~~ detecting a link set terminating at the first network element (A) by querying for the second network element (B) ~~all~~ objects representing link sets.

7. (Currently amended) The method according to claim 6, wherein ~~the step of~~ transposing, in case no link set terminating at the first network element (A) is detected for the second network element (B), creates a new link set for the second network element (B) by making the link set of the second network element (B) commensurate to the link set of the first network element (A), thereby managing the connection object.

8. (Currently amended) The method according to claim 6, wherein ~~the step of~~ transposing deletes a link and/or a link set at the second network element (B) by deleting the link and/or link set of the second network element (B) corresponding to a deleted link and/or link set of the first network element (A), thereby managing the connection object.

9. (Currently amended) The method according to claim 6, wherein ~~the step of~~ transposing modifies a link and/or a link set at the second network element (B) by modifying the link and/or link set of the second network element (B) corresponding to a modified link and/or link set of the first network element (A), thereby managing the connection object.

10. (Currently amended) The method according to claim 6, wherein ~~the step of~~ transposing performs a status change of a link and/or a link set at the second network element (B) by performing a status change for the link and/or link set of the second network element (B) corresponding to a status change of the link and/or link set of the first network element (A), thereby managing the signaling connection.

11. (Currently amended) The method according to claim 1, wherein the connection objects comprise trunk groups and trunks, further comprising ~~the step of~~ detecting a trunk group terminating at the first network element ~~(A)~~ by querying for the second network element ~~(B)~~ all objects representing trunk groups.

12. (Currently amended) The method according to claim 11, wherein ~~the step of~~ transposing, in case no trunk group terminating at the first network element ~~(A)~~ is detected for the second network element ~~(B)~~, creates a new trunk group for the second network element ~~(B)~~ by making the trunk group of the second network element ~~(B)~~ commensurate to the trunk group of the first network element ~~(A)~~, thereby managing the connection object.

13. (Currently amended) The method according to claim 11, wherein ~~the step of~~ transposing deletes a trunk and/or a trunk group at the second network element ~~(B)~~ by deleting the trunk and/or trunk group of the second network element ~~(B)~~ corresponding to a deleted trunk and/or trunk group of the first network element ~~(A)~~, thereby managing the connection object.

14. (Currently amended) The method according to claim 11, wherein ~~the step of~~ transposing modifies a trunk and/or a trunk group at the second network element ~~(B)~~ by modifying the trunk and/or trunk group of the second network element ~~(B)~~ corresponding to a modified trunk and/or trunk group of the first network element ~~(A)~~, thereby managing the connection object.

15. (Currently amended) The method according to claim 11, wherein ~~the step of~~ transposing performs a status change of a trunk and/or a trunk group at the second network element ~~(B)~~ by performing a status change for the trunk and/or trunk group of the second network element ~~(B)~~ corresponding to a status change of the trunk and/or trunk group of the first network element ~~(A)~~, thereby managing the connection object.

16. (Currently amended) The method according to claim 1, wherein ~~the step of~~ determining the second network element adjacent to the first network element comprises ~~the steps of:~~

extracting a first point code and a first sub-network identifier identifying the first network element ~~(A)~~, and a parameter indicating an adjacent network element;

comparing the parameter and the first sub-network identifier to a point code and a sub-network identifier of a respective network element from at least a subset of the other network elements.

17. (Original) The method according to claim 1, wherein the telecommunications network supports a signaling system 7 standard.

18. (Currently amended) The method according to claim 1, further comprising ~~the step of~~ providing a task group that is transparent to an operator for grouping objects for managing the connection object associated with the first network element ~~(A)~~ and dependent objects for managing the connection object associated with the second network element ~~(B)~~.

19. (Currently amended) A computer-readable product having recorded thereon computer instructions for instructing a computer to execute a process ~~in accordance with any of the preceding claims,~~ comprising:

based on an operator input, determining a second network element from the plurality of other network elements adjacent to the first network element; and

automatically transposing data associated with the first network element for the second network element such that a representation of a connection object between the first and second network elements for the second network element is made commensurate to the representation for the first network element for managing the connection object.

20. (Currently amended) A system for managing a connection object in a telecommunications network, comprising:

a plurality of network elements associated with the telecommunications network;

a control module-(M) for configuring a first network element-(A) of the plurality of network elements in accordance with an operator input; and

a control program associated with the control module that determines a second network element-(B) that is adjacent to the first network element-(A) and causes a representation of the connection object of the first network element-(A) to be transposed for the second network element-(B) such that a corresponding connection object for the second network element-(B) is made commensurate to that for the representation first network element-(A).

21. (Currently Amended) The system of claim 20 21, wherein the control program further determines an origination within the first network element-(A) associated with the connection object to be managed.

22. (Currently amended)The system according to claim 21, wherein the control module transposes operator commands for the second network element-(B).

23. (Currently amended)The system according to claim 21, wherein the control module manages a task group that is transparent to an operator for grouping objects for managing the connection objects associated with the first network element-(A) and dependent objects for managing the connection object associated with the second network element-(B).

24. (Currently amended) The system according to claim 21, wherein connection objects of the network elements comprise link sets and links, wherein the control module detects a link set terminating at the first network element-(A) by querying for the second network element-(B)-all objects representing link sets.

25. (Currently amended) The system according to claim 24, wherein the control module determines the link set and links of the second network element-~~(B)~~ terminating in the first network element-~~(A)~~ by at least determining that the first and second network elements are in a same sub-network.

26. (Original) The system according to claim 25, wherein the second network element is a border network element having additional signaling connections.

27. (Currently amended) The system according to claim 21, wherein connection objects of the network elements comprise trunks and trunk groups, wherein the control module detects a trunk group terminating at the first network element-~~(A)~~ by querying for the second network element-~~(B)~~ all objects representing trunk groups.

28. (Currently amended) The system according to claim 27, wherein the control module determines the trunk groups and trunks of the second network element-~~(B)~~ terminating in the first network element-~~(A)~~ by at least determining that the first and second network elements are in a same sub-network.

29. (Original) The system according to claim 21, wherein the telecommunications network supports a signaling system 7 standard.